

# Centre-axle 3-way tipper trailer - building site



## Product benefits

- Insulated hollow chamber body for slow cooling, freezing and adhesion of load
- Tipper body construction using conical, trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption
- Hard chrome-plated, high-quality tilt cylinder
- Offset drawbar with height-adjustable, screw-on drawbar eye
- 1 step bar at the drawbar on the left in the direction of travel
- Foldable, tubular underride protection with wheel wedge for road-finishing use
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Bordmatic (= hydraulically folding side wall) on left side
- OPTIONAL: Aluminium flap on lateral central locking shaft
- OPTIONAL: Electropneum. side wall pendulum locking with switch operation in cab
- OPTIONAL: Standing platform comprising aluminium safety grid with guardrail and step unit
- OPTIONAL: Plastic roller tarpaulin incl. aluminium pole and hand crank
- OPTIONAL: Foldable lashing rings

## Product details

### TYPE DESIGNATION

CENTRE-AXLE 3-WAY TIPPER TRAILER

For handling bulk materials such as sand, gravel, rubble, ground excavation etc. on building sites

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### DIMENSIONS

Internal length: approx. 4,880 mm

Internal width: approx. 2,420 mm

Total width: 2,550 mm

Loading height, unladen: approx. 1,440 mm

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### FRAME

Centre-axle welded steel frame construction in weight-optimised lightweight design

Offset drawbar with height-adjustable (- approx. 110 mm) screw-on drawbar eye, 50 mm, for centre-axle heavy-duty coupling, unladen coupling height approx. 800 - max. 1,000 mm

1 rung on the drawbar on left in direction of travel

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### CHASSIS

Air suspension with autom. lowering device via inductive switch and lowering lock via rotary switch on trailer

Drum brake axles,  
S-cam brake 420/180 mm,  
autom. brake linkage adjuster  
each with 9 t axle load, wheelbase 1,310 mm

Tyres :

4 x 385/65 R 22.5 160J, manufacturer as per factory specifications

4 steel wheel rims 11.75 x 22.5, 10-hole, without rim offset, silver

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### SUPPORT FIXTURES

1 mechan. support jack at front

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### BRAKE SYSTEM

Brake system according to EC Directive 71/320 or EC E R13

Two-line brake

Spring-loaded parking brake on 2nd axle

Hose lines routed under drawbar

EBS - electronic brake system  
Knorr 2S2M = 2nd axle sensed  
RSS - stability program  
Steel air tank

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### **TIPPING SYSTEM**

1 HP tipper cylinder for 3-way tipping, approx. 30 t initial lifting force  
1 arrester cable  
1-pipe system with hydraulic connecting hose incl.  
plug-in coupling NW13, without truck attachments

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### **ELECTRICAL EQUIPMENT**

24 V lighting system according to EC Directive 76/756/E WG  
2 seven-chamber tail lights  
LED side marker lights  
Electric cables routed under drawbar  
2 clearance lamps  
2 contour lights  
Fixed cable(s) with 2 x 7-pin or 1 x 15-pin connector

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### **PAINTWORK**

Blasted with steel granulate, treated with zinc dust primer and spray painted with 2-component acrylic paints for commercial vehicles (standard RAL or truck colour)

Plastic and hot-dip galvanised parts unpainted,  
powder-coated attachments/installation parts black

Reflective contour marking strips across entire length of sides and all-round contour marking at rear (white on sides and red at rear by default), according to ECE 48

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### **ATTACHMENTS**

Wheel chock(s) as per regulations  
Side impact protection made from aluminium profiles as per regulations, coated black  
Noise dampers = rubber pads  
Foldable, tubular underride protection, with bumper block for road-finishing use  
Single wheel plastic mudguards with spray protection as per regulations  
Hooks for dosing chains on swivelling rear wall

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### **WEIGHTS**

Gross weight (perm.): 18 t  
Gross weight (techn.): 19 t with 1 t drawbar load

Payload: approx. 14 t

Tare weight: approx. 4 t

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### **TIPPING LOADING RAMP**

Full-steel welded construction with fine-grained special steel floor panels, 5 mm

HARDOX HB 450

(slight floor unevenness possible due to weld distortion)

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### **SIDE WALLS**

Fixed steel plate front wall, 4 mm, approx. 980 mm high

2 step bars inside and 3 outside on front wall

1-part reinforced aluminium hollow profile side walls, 60/40 mm, approx. 880 mm high, foldable with extended swivel bolt locks and spring lifting aid, hinged with left-sided man. central locking, right-sided man. central locking

Steel plate rear wall, 4 mm, approx. 980 mm high, hinged with raised bearing and autom. pneumatic locking

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### **ACCESSORIES**

Rear markings as per ECE standards

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### **POSTS**

2 fixed rear corner posts, raised, side-mounted

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## Product impressions



Steel sheet front wall with step on inside and outside



Steel sheet rear wall, hinged with raised bearing and autom. pneumatic lock





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OPTIONAL: Bordmatic (= hydraulically folding side wall) on left side, with dual-action cylinder on the front wall, operated from the cab



Tipper body design with conical trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption



OPTIONAL: with stand and with tarpaulin





Foldable, tubular underride protection, with bumper block for road-finishing use



Offset drawbar with height-adjustable, screw-on drawbar eye incl. 1 step bar on the left in the direction of travel



